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### Warning

**ELECTRICAL SHOCK HAZARD.** Turn off power at the main service panel by removing the fuse or switching the appropriate circuit breaker to the off position before removing or installing any thermostat.

### Warning

This thermostat must be installed only by a professional contractor familiar with air conditioning and heating systems controls and wiring.  
Install only on 24V AC control systems.

# Robertshaw®

# 9720

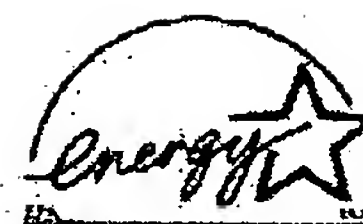
**DELUXE  
PROGRAMMABLE  
THERMOSTAT**

INTEGRATED COMFORT SOLUTIONS



HEAT PUMP

**7 Day Programmable  
3 Heat / 2 Cool**



## Intelligent Comfort Control

The 9720 has your comfort in mind. Our programmable thermostat is full of intelligent features, providing the ultimate choice in flexibility. **Customize your surroundings.** In QuickSet™ mode, set seven daily programs for summer and winter all at once. Choose Auto Changeover, and the thermostat will automatically switch to heat or cool, keeping you comfortable year round. These smart features enable you to control your comfort level and reduce energy costs up to 25%.

The 9720 is compatible with all standard 24 Volt AC multi-stage heat / cool systems, up to 3 stage heat, 2 stage cool. Multi-colored LED's indicate system status with Auxiliary (green), Check (red), and Emergency Heat (red).

When you select a Robertshaw thermostat, you've made the choice of an industry partner that's been making quality products for 100 years. Come home to affordable comfort. Come home to Robertshaw™.

## Features and Benefits

### NiteView™ Backlight Display

Backlight display can be easily activated by pressing buttons or convenient light bar.

### Auto Changeover

Automatically switches into heat or cool mode. Prevents having to manually change system from heat to cool.

### 7 Day Programming

Seven separate daily programs with four time and temperature changes per day allow maximum flexibility.

### Battery Back-Up

Prevents loss of programming due to power outages.

### QuickSet™

Allows 7 days to be programmed all at once.

### EER™ (Energy Efficient Recovery)

Increases energy savings. EER™ allows gradual recovery from setback temperature to minimize use of auxiliary systems.

### Automatic Compressor Short Cycle Protection

A system safeguard. Reduces wear and tear of HVAC equipment.

### Remote Sensor Capable

Remote sensor capable — averages up to 4 sensor

### Toll-Free Assistance

Toll-Free Technical Service number printed right on the thermostat provides immediate assistance.

### Adjustable Temperature Differential

Maintains optimal customer comfort.

### Quick Wire Terminal Block

Fast and easy installation. Uses sturdy wire clamps — no wrap-around of screws.

### Filter Monitor

Indicates when filter needs to be cleaned or replaced.

### Programmable Fan

Energy cost savings. Allows user to set and provide continuous circulation for optimal comfort.



**Remote Sensor Capable**

Remote sensor capable — averages up to 4 sensor inputs (including main). Remote sensors are available separately as model 9015.

**Temporary Program Override**

Allows for manual temperature adjustment.

**Programmable Keypad Lock**

Eliminates tampering. Keeps others from changing desired program.

<http://www.thermostatsales.com>



Technical service available:

1-800-445-8299

M-F 7:30 a.m. - 5:30 p.m. CST



Click here to purchase

**Robertshaw®**

**9720**

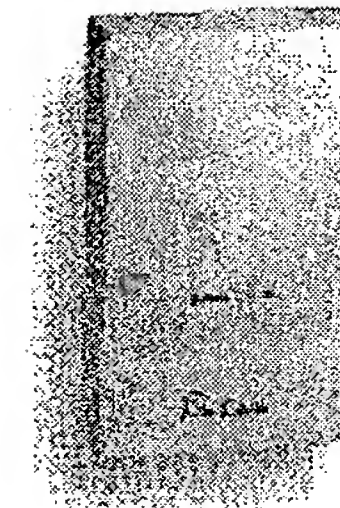
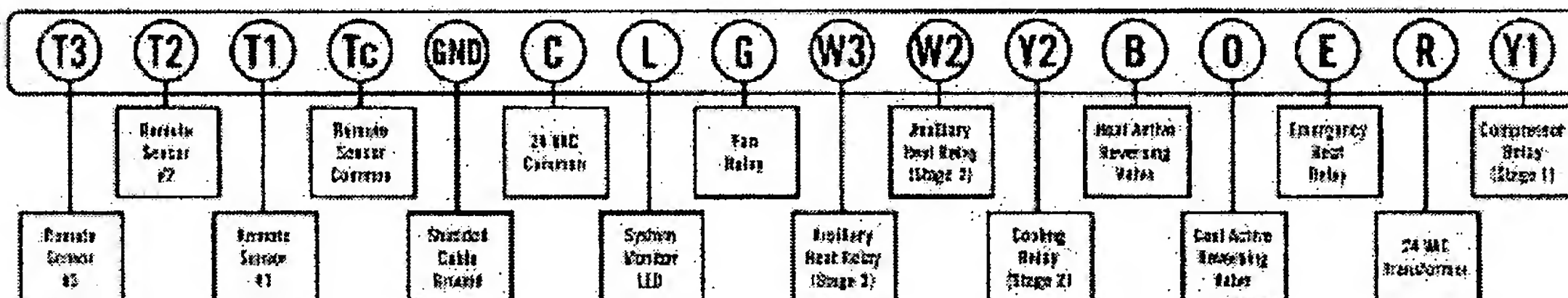
**DELUXE  
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HEAT PUMP

**7 Day Programmable  
3 Heat / 2 Cool**

### Terminal Designations



Optional Accessory:  
**9015 REMOTE SENSOR**

### THE ROBERTSHAW 9720 REPLACES:

Maple Chase	09720
White-Rodgers Company*	1F92, 1F94
Honeywell, Inc.*	T8611G

\* Verify specific application requirements before substitution.

### Shipping Information

Indiv. Ctn. Dim.: 7.75" x 4.75" x 1.875"  
Master Ctn. Qty.: 6  
Master Ctn. Dim.: 10.25" x 6.5" x 8.25"  
Master Ctn. Cu. Ft.: .32  
Master Ctn. Wt.: 8.5 lbs.  
Max. Pallet Qty.: 720  
Max. Pallet Wt.: 1020 lbs.

### Item 9015 Remote Sensor

Indiv. Ctn. Dim.: 4.375" x 2.525" x 1.375"  
Master Ctn. Qty.: 6  
Master Ctn. Dim.: 5.625" x 4.875" x 4.875"  
Master Ctn. Cu. Ft.: .08  
Master Ctn. Wt.: 1.0 lbs.

## Specifications

Electrical rating: 24 Volt AC (18-30 VAC)  
1.5 amp maximum load per terminal (relay outputs)  
4 amp total maximum load (all terminals combined)  
Temperature control range: 45° - 90°F (7° - 32°C)  
Accuracy: ±1.5°F (±0.8°C)  
Auto-changeover deadband: Selectable 3° or 5°F  
DC power: 3.0 Volt DC (4 "AA" alkaline batteries included)  
Temporary temperature override: 4 hour maximum or next setpoint  
Remote sensor capable: Averages up to 4 sensor inputs (3 remote plus main sensor)  
System configurations: Multi-stage heat pump systems (Up to 3 stage heat, 2 stage cool)

### Other Multi-Stage

## Architectural / Engineering Specification

The thermostat shall be a Robertshaw Model 9720 or equivalent. The thermostat shall have seven-day programmability with up to 4 time/temperature changes per day. The thermostat will allow temporary temperature override for a maximum of 4 hours or the next setpoint time, whichever occurs first. The thermostat will have adjustable differential setting for both first and second stage operation to allow efficient system operation. The thermostat shall allow the user to program the system fan separately for continuous or automatic operation for each of the 4 time setpoints per day to meet local application and code requirements. The thermostat shall be equipped with an adjustable fan delay or break (up to 30 seconds) during the cooling mode for maximum comfort and efficiency.

It shall be capable of operating with standard 24 VAC multi-stage heat pump systems, up to 3-stage heat, 2-stage cool. The thermostat will have an electrical rating of 1.5 amp maximum load per terminal, 4 amp total maximum load for all terminals combined. The thermostat shall have relay outputs compatible with standard 24 VAC control circuits and have battery back-up to prevent loss of programming in memory during power outages. The battery back-up circuit shall maintain all user programming for at least three months.



## Other Multi-Stage Heat / Cool Thermostats

9520: Digital Non-Programmable HP  
8620: Programmable 7-Day HP

**Uni-Line North America**  
515 South Promenade Avenue  
Corona, CA 91719  
United States of America



A Siebe Group Company

Customer Service Phone: 800.304.6563 Fax: 800.426.0804  
E-mail: [infocenter@uni-line.com](mailto:infocenter@uni-line.com)  
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have battery back-up to prevent loss of programming in memory during power outages. The battery back-up circuit shall maintain all user programming for at least three months.

The thermostat will have automatic changeover capability to allow the thermostat to determine whether the heating or cooling program should be used to control the room temperature.

The keypad shall have a programmable keypad lock to prevent tampering with the user program. The thermostat shall provide a backlit display for easy nighttime viewing. The thermostat will provide remote sensor capability for up to four temperature sensors (including main thermostat sensor). The thermostat shall be equipped with a filter monitor. An LED indicator shall be provided to indicate when the auxiliary stage of heating is activated. The thermostat shall be equipped with an LED to indicate compressor trouble. A third LED shall be provided to indicate emergency heat mode. The thermostat shall be equipped with a five-minute delay on break for compressor short cycle protection during system operation to prevent compressor damage.

Distributed by:

<http://www.thermostatsales.com>

### Other thermostats to check out

9500  
9505  
9520  
9600  
9610  
9620  
9700  
9710  
9720

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